

TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)



**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No. TI-35862 (032350.B534)  
Express Mail Certificate  
No. EV 323510243 US

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: DeLoach, et al.

Filing Date: November 6, 2003

For: ***Forming a Trench to Define One or More Isolation  
Regions in a Semiconductor Structure***

Enclosed are:

- ☒ Specification, Claims and Abstract (22 Pages);
- ☒ Drawing(s) 4 Total Sheet(s) of ☒ Formal ☐ Informal;
- ☒ Combined Declaration and Power of Attorney (2 Pages)  
☒ Newly executed (original or copy);
- ☒ An Assignment (2 Pages) of the invention to Texas Instruments Incorporated is attached. Separate cover sheets (2 Pages) in compliance with 37 C.F.R. §§ 3.28, .31 are included. Please charge the assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h) to Deposit Account No. 20-0668 of Texas Instruments Incorporated;
- ☒ Certificate of Mailing (1 Page);
- ☒ Texas Instrument Incorporated Return Receipt Postcard (1);
- ☒ Baker Botts L.L.P. Return Receipt Postcard (1);
- ☒ This Transmittal (2 pages); and
- ☒ Information Disclosure Statement

Applicant is:

☒ Large Entity  
☐ Small Entity


The accompanying application is:

☒ Original.  
☐ Continuation ☐ Divisional ☐ Continuation-In-Part (CIP) of prior application No. \_\_\_\_\_ which is hereby incorporated by reference therein.

| FEE CALCULATION       |        |      |                 |             | FEE                    |
|-----------------------|--------|------|-----------------|-------------|------------------------|
|                       | Number |      | Number<br>Extra | Rate        | Basic Fee<br>\$ 770.00 |
| Total Claims          | 20     | - 20 | -0-             | X \$18.00 = | \$ 0.00                |
| Independent<br>Claims | 3      | -3   | -0-             | X \$86.00 = | 0.00                   |
| TOTAL FILING FEE =    |        |      |                 |             | \$ 770.00              |

☒ Please charge the filing fee of **\$770.00** and any other fee required by this paper and credit any overpayment to Deposit Account No. 20-0668 of TEXAS INSTRUMENTS INCORPORATED. **This document is being transmitted in duplicate.**

BAKER BOTTS L.L.P.  
Attorneys for Applicants

  
\_\_\_\_\_  
Christopher W. Kennerly  
Registration No. 40,675

Date: November 6, 2003

Correspondence Address:

Customer Number                    **23494**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: DeLoach, et al.

Filing Date: November 5, 2003

Title: *Forming a Trench to Define One or More Isolation  
Regions in a Semiconductor Structure*

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Filing Fee Transmittal (2 pages-filed in duplicate), Patent Application (22 pages), Formal Drawings (4 Sheets), Assignment of the Inventors to Texas Instruments Incorporated (2 pages), separate Assignment Recordation coversheet (2 pages – filed in duplicate), Declaration and Power of Attorney (2 pages), Information Disclosure Statement, Baker Botts L.L.P. return receipt postcard, Texas Instruments Incorporated return receipt postcard, and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 6th day of November, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Willie Jiles

Express Mail Receipt  
No. EV 323510243 US  
Attorney Docket No. TI-35862 (032350.B534)